



National Spent Nuclear Fuel Quality Assurance Program

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October 28, 2002

*Providing for safe,
efficient disposition of
DOE spent nuclear fuel*



National Spent Nuclear Fuel Program

Agenda

- Program focus
- FY 02 accomplishments
- Suggestions to reduce the number of findings
- Issues we are working
- Best practices
- Plans for FY 03



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Program Focus

- Compliance with DOE/RW 0333P
- Ensure that DOE spent nuclear fuel satisfies the disposal requirements for the mined geologic repository
- Quicker closure of corrective actions
- Reduce cycle times



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Program Accomplishments in FY 02

- Issued revised written program
- Completed required annual site audits
 - SRS, ORNL, RL
- QA program qualifications
 - INEEL non-licensed SNF
 - T-Plant
 - River Corridor
- Maintained qualified status with RW



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Corrective Action Status

National Spent Nuclear Fuel QA



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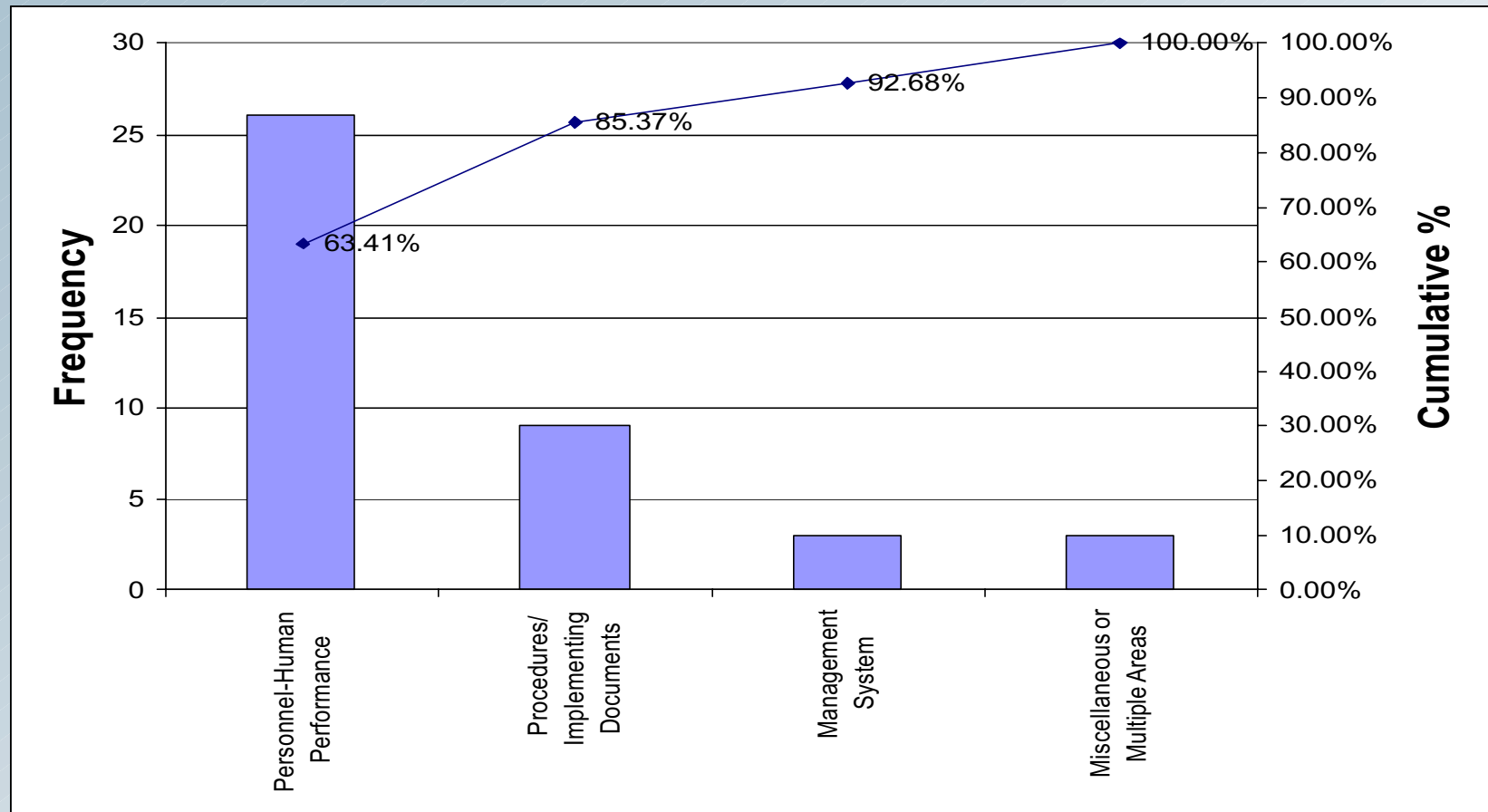
QA Program Improvements

- Cycle time reductions
 - *Reduce cycle times for key QA activities*
- Other QA Related Issues
 - i.e. records issue



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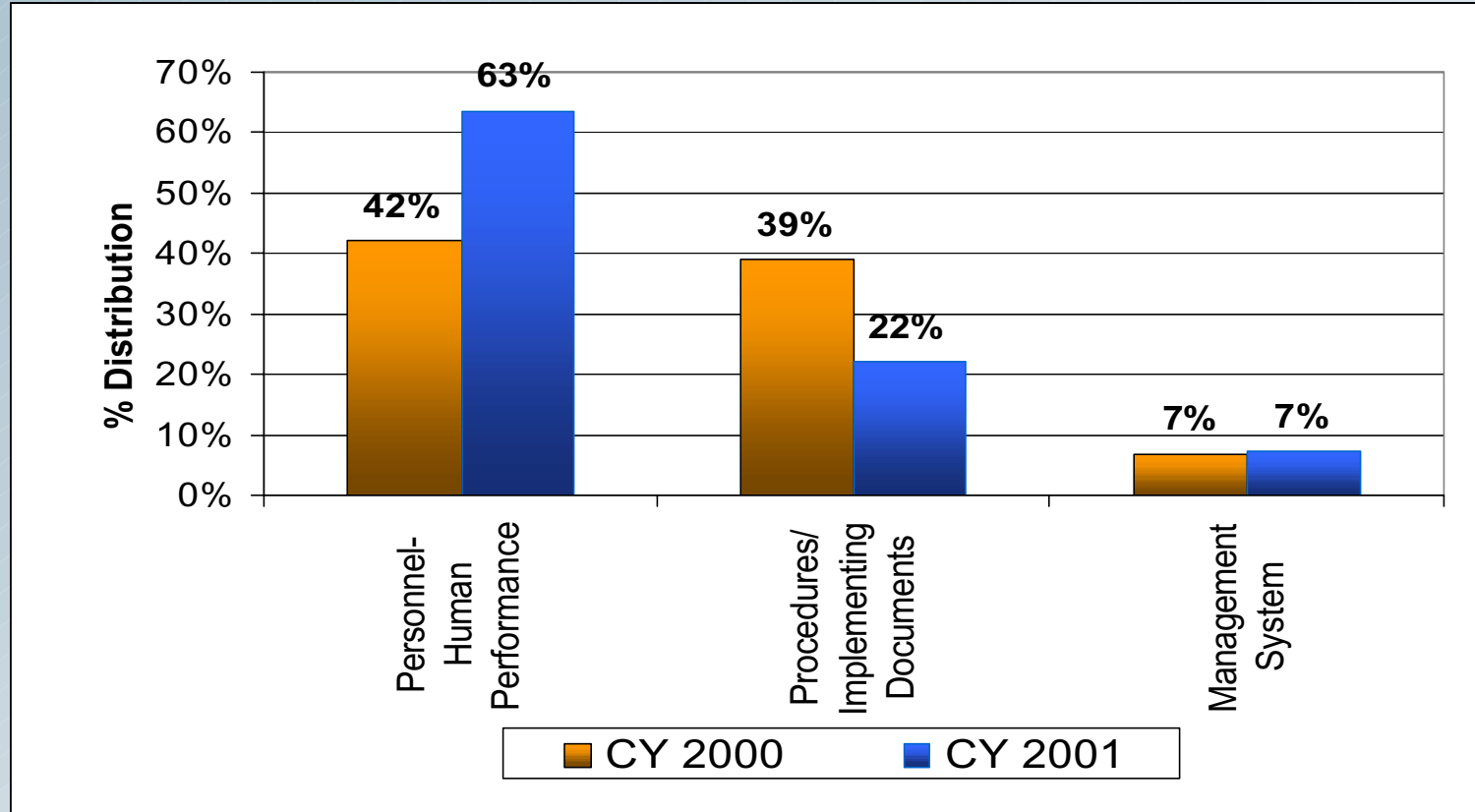
Cause Code Distribution for Calendar Year 2001



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Cause Code Distribution

Calendar Year Comparison



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Suggestions to Reduce Findings

- Increase effectiveness of your site QA program
 - Provide adequate resources
 - Emphasize implementation
 - Foster a compliance-based operating culture
 - Increase commitment to compliance at all levels
 - Crispness – clearly defined requirements
 - Formality – of actions
- Minimize procedure changes
 - Significant improvement in CY 2001 over CY 2000



QA Issues We are Working

- Transition of NSNF QA Program to RW
- QA Records

Lifetime records are retained for the lifetime of the item or facility that the record applies to (see QARD Section 17.2.7), therefore, the classification of "lifetime" does not automatically require the record to be retained for the lifetime of the repository. The actual retention period of a lifetime QA record is dependent on the purpose of the record, and how it relates to a specific item or facility.



Best Practice

Signatures by
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SPENT NUCLEAR FUEL PROJECT		Administrative Procedure	EN-6-011-01
INTERFACE CONTROL PROCESS		Page	1 of 22
		Effective Date	June 18, 2001
APPROVAL DESIGNATOR:	Q		
USQ SCREENING NUMBER:	CX-NS-6-001, Appendix C, Section G		
POINT OF CONTACT:	(e-mail approval by) D. W. Medford, Engineering Systems		
TECHNICAL OWNER MANAGER:	(e-mail approval by) J. P. Slaughter, Manager Engineering Systems		
DESIGNATED APPROVERS:	(e-mail approval by) R. M. Soyama, Manager Strategic Planning and Special Projects		
	(e-mail approval by MA Cahill for) J. E. Croston, Manager Construction Projects		
	(e-mail approval by) C. M. Serrano, Production Director SNF Project		
	(e-mail approval by GB Hayward for) E. F. Roth, Manager SRMAQ	(U)	



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Best Practice (Cont)

Documented
Graded Approach

*NSNFP
Procedure
PSO 2.05*

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Page 7 of 8

NSNFP Planning/IA Program Applicability Evaluation

Control Account Number: C.1.27.02.01.27
Control Account Title: Materials and Packaging
Work Breakdown Structure Item Title: Materials Analysis - Sensitivity Analysis
PSO 2.05 (continued)

GRAND Section	Performing Organization Title				
	Government Sector Supplier (FBI, etc.) Contractor primarily the household and Analysis Group				
Section 8 Identification and Control of Items	X	NA	NA	NA	NA
Section 9 Control of Special Processes	NA	NA	NA	NA	NA
Section 10 Inspection	X - associated with portables	NA	NA	NA	NA
Section 11 Test Control	X	NA	NA	NA	NA
Section 12 Control of Measuring and Test Equipment	X	NA	NA	NA	NA
Section 13 Handling, Storage, and Shipping	NA	NA	NA	NA	NA
Section 14 Inspection, Test and Operating Status	NA	NA	NA	NA	NA
Section 15 Nonconformance	X	NA	NA	NA	NA
Section 16 Corrective Action	X	NA	NA	NA	NA
Section 17 Quality Assurance Records	X	NA	NA	NA	NA
Section 18 Audit	X	NA	NA	NA	NA
Supplement I Subarea	NA	NA	NA	NA	NA



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What We Expect From Sites

- Strict compliance culture
- Effective site QA programs
- Faster corrective action implementation
- Open communication



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What to Expect From Us

- Continued strict compliance focus
- More responsive QA Program



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Plans for FY 03

- Continue Site audits and surveillances
- Reduced NSNFP QA cycle times
- Actively pursue orderly transition to RW



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Questions



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